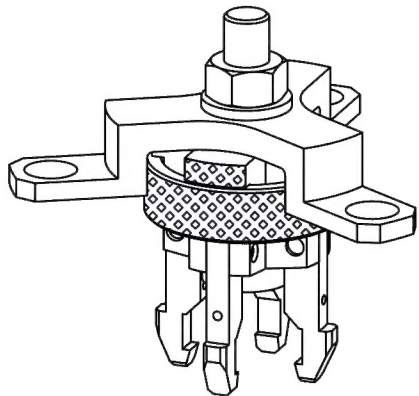
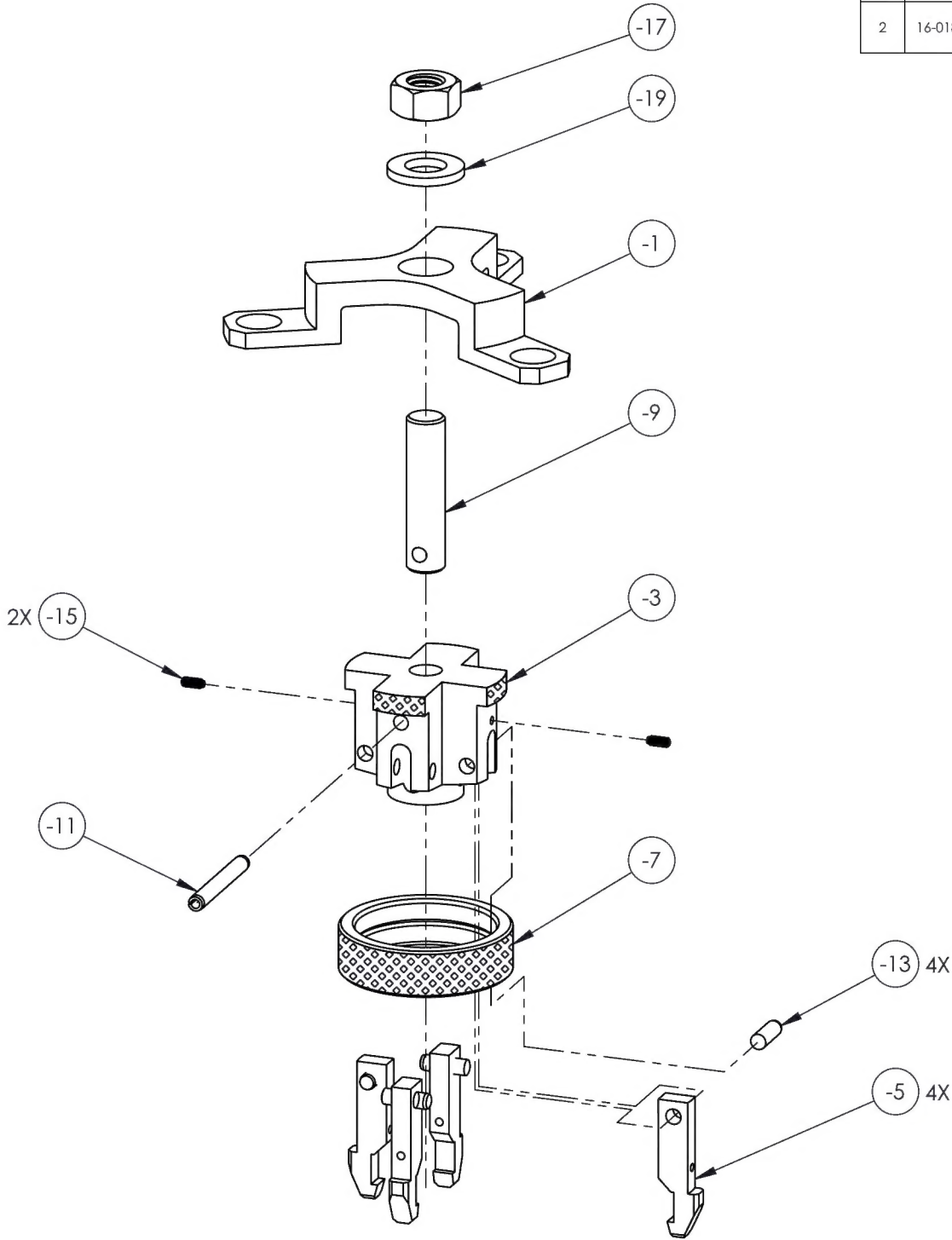
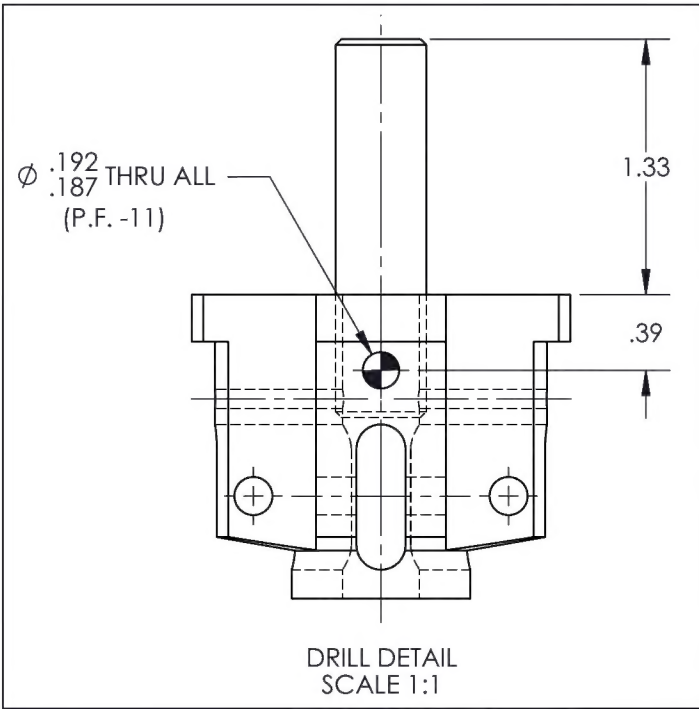



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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
1		RELEASED FOR PRODUCTION.	6/16/2016	DPD	JAG
2	16-0184	-1 CH'D MARKING WAS INK STAMP IS LASER ENGRAVE T/N, S/N, "MADE IN USA". -3 CH'D FINISH WAS DUAL FINISH IS ZINC PLATE. -3 & -5 CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-32. -7 CH'D FINISH WAS DUAL FINISH IS ZINC PLATE.	10/21/2016	RJC	SM



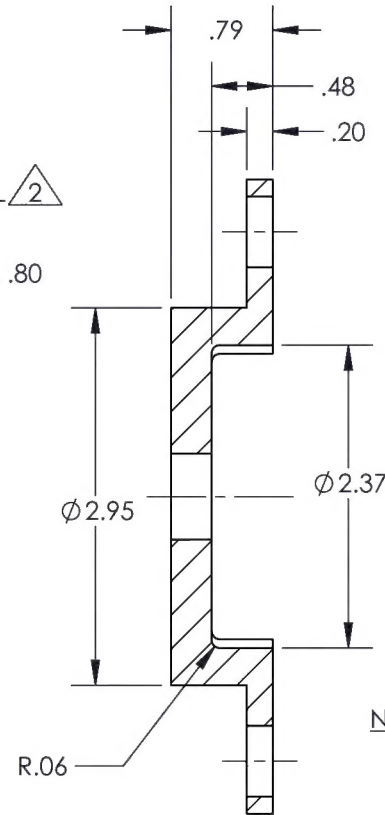
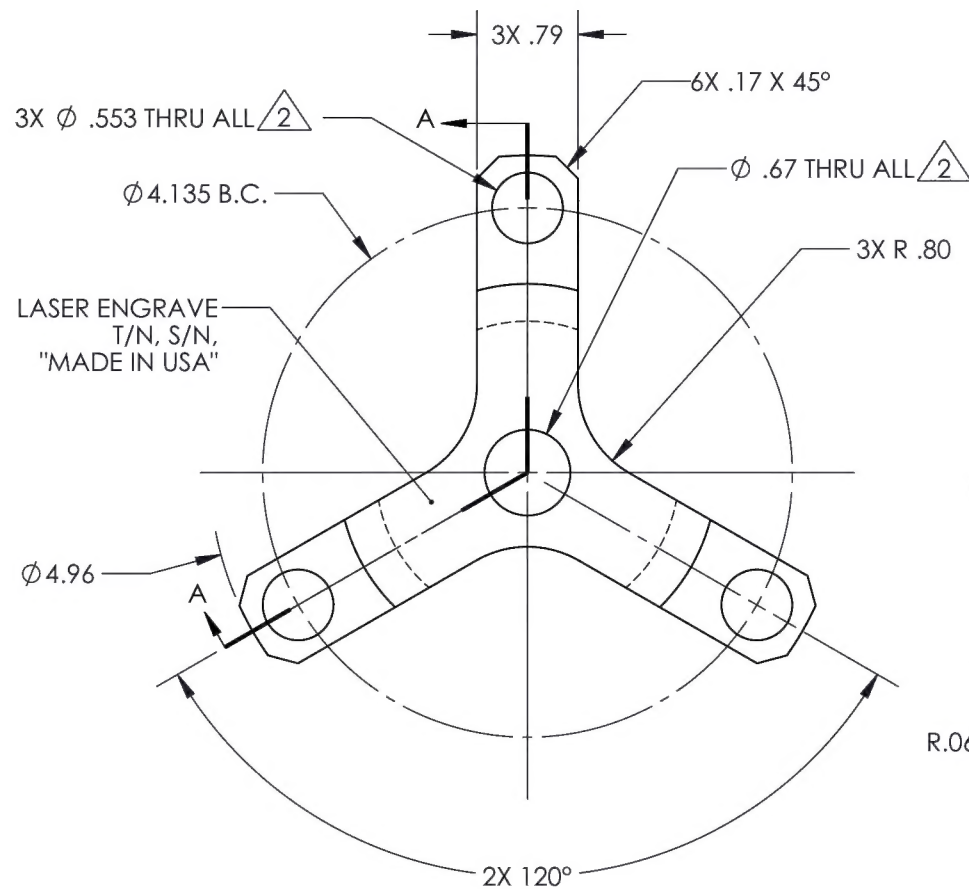
- NOTES:
- REF. AIRBUS T/N: M632V3004122.
  - PART OF KIT RBEM632V3004103.

ASSY QTY	ASSY QTY	B/O	Part #	UNIT QTY	Description	Material	B/O INFORMATION OR SPECIFICATIONS	PG.
			-1	1	BASE	1018/1020 CR		2
			-3	1	SPIDER	4140/4142		3
			-5	4	ARM	4140/4142		4
			-7	1	COLLAR	1018/1020 CR		5
		B/O	-9	1	THREADED ROD	STEEL	M12 X 1.75mm X 50mm (MCMASTER-CARR #99067A125)	1
		B/O	-11	1	SPRING PIN	STEEL	Ø3/16 X 1-5/8 (MCMASTER-CARR #98296A915)	1
		B/O	-13	4	DOWEL PIN	STEEL	M5 X 16mm (MCMASTER-CARR #91595A352)	1
		B/O	-15	2	BALL-NOSE PLUNGER	STEEL	M3 X 0.5mm BODY, Ø1.5mm X 0.4mm NOSE (MCMASTER-CARR #3391A651)	1
		B/O	-17	1	HEX NUT	STEEL	M12 X 1.75 (MCMASTER-CARR #90591A181)	1
		B/O	-19	1	WASHER	STEEL	M12 (MCMASTER-CARR #91166A290)	1

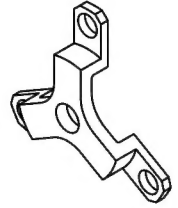
			
TITLE			
NUT BRAKE EXTRACTOR			
DWG NO.			REV
RBEM632V3004122			2
MAT'L		UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125✓	
HEAT TREAT			
FINISH			
SPEC			
DRAWN BY: DUERFELDT			
CHECKED: CLOUGH		1. BREAK ALL SHARP EDGES .015 x 45° OR .015R 2. DIMENSIONAL LIMITS APPLY AFTER PLATING 3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009	
OPPS APPR: ANDERSON			
QA APPR: LINDSAY			
APPROVED: GILBERT		USED ON MODEL H175	
SCALE 1:2		DATE 5/3/2016	SHEET 1 OF 5

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REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
2	16-0184	-1 CH'D MARKING WAS INK STAMP IS LASER ENGRAVE T/N, S/N, "MADE IN USA".	10/21/2016	RJC
				SM



SECTION A-A



NOTES:

- DUAL FINISH:  
1ST: ZINC PLATE, ASTM B633 TYPE I SC2.  
2ND: POWDER COAT YELLOW, FED #13538.

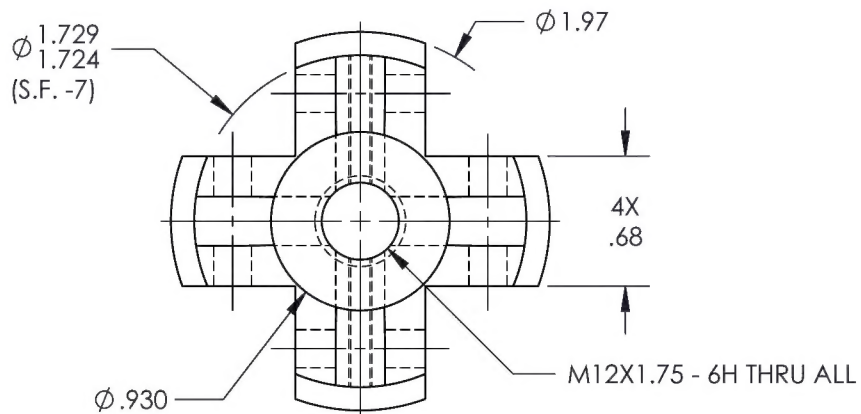
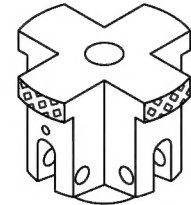
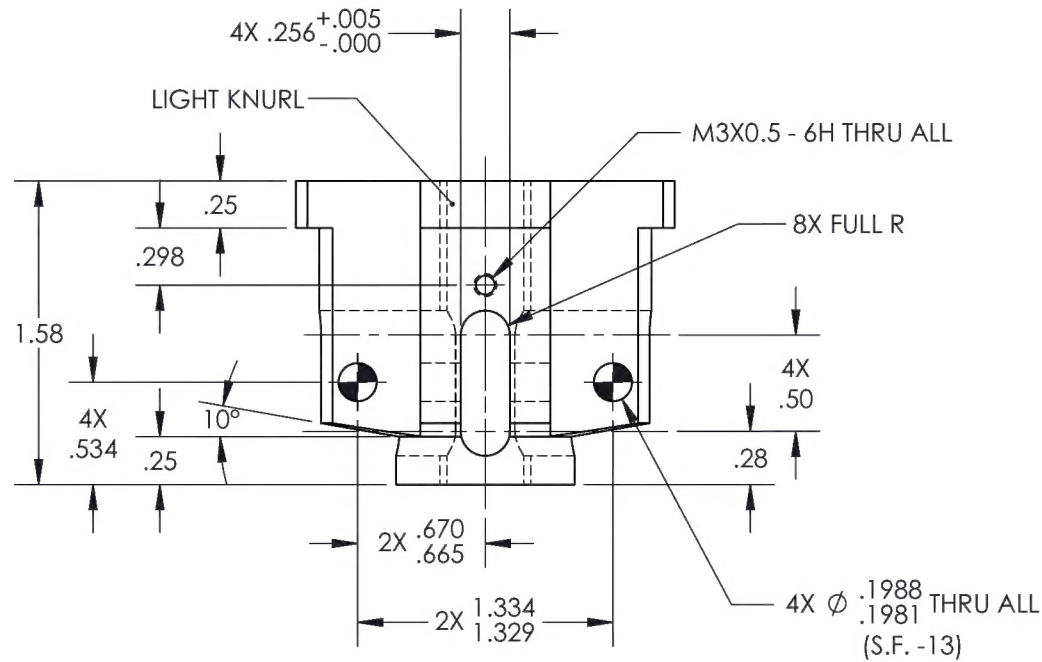
2 NO POWDER COAT THIS SURFACE.

(-1)  
BASE

<b>DART AEROSPACE</b>	
TITLE <b>NUT BRAKE EXTRACTOR</b>	
DWG NO. <b>RBEM632V3004122-1</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES
HEAT TREAT	.XXX ± .005 FRACTIONS ± 1/8
FINISH SEE NOTE 1	.XX ± .01 ANGLES ± .5°
SPEC	.X ± .1 SURFACES = 125
DRAWN BY: DUERFELDT	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: CLOUGH	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: ANDERSON	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: LINDSAY	USED ON MODEL
APPROVED: GILBERT	H175
SCALE 2:3	DATE 5/3/2016
SHEET 2 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0184	-3 CH'D FINISH WAS DUAL FINISH IS ZINC PLATE, CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-32.	10/21/2016	RJC	SM

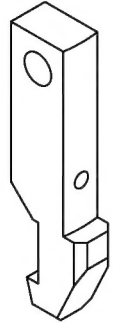
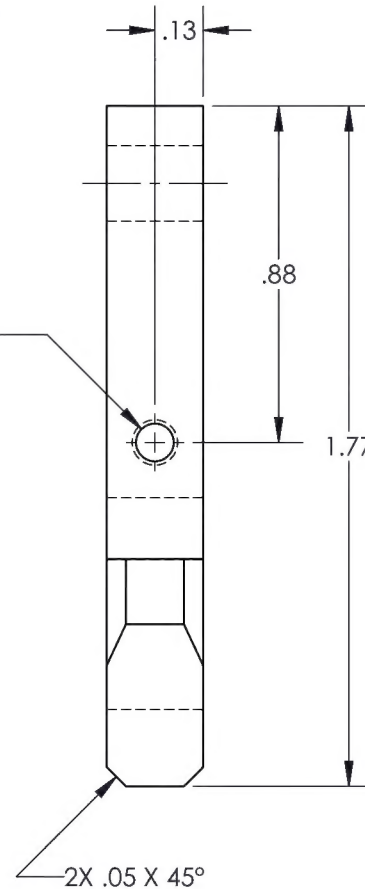
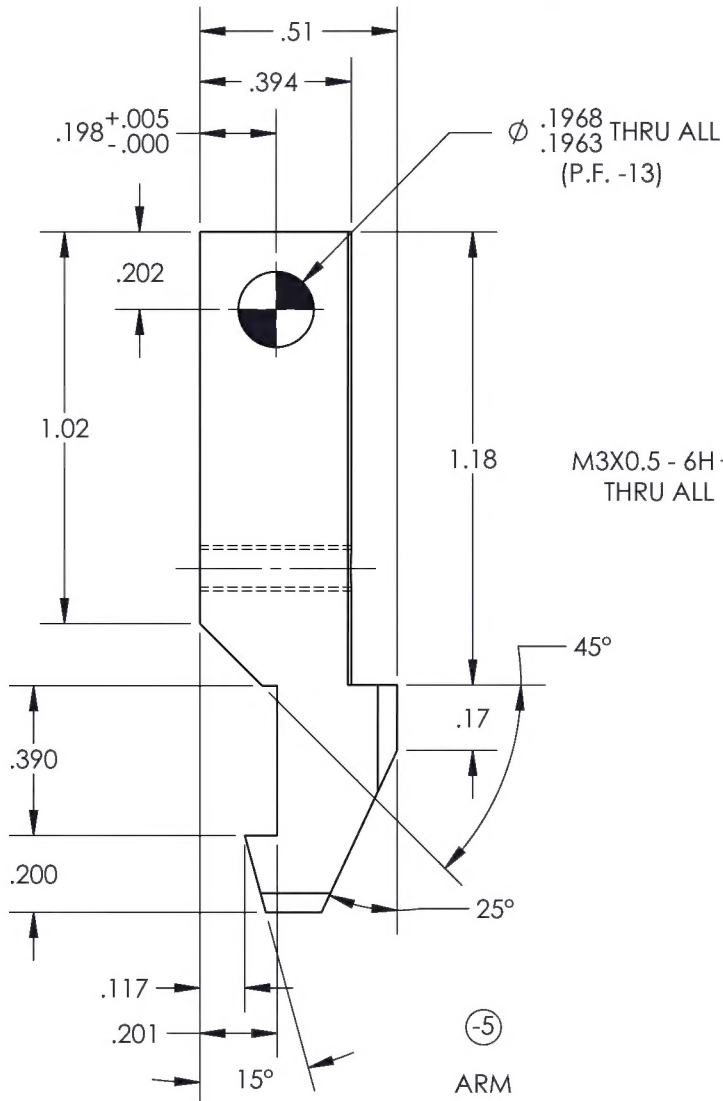
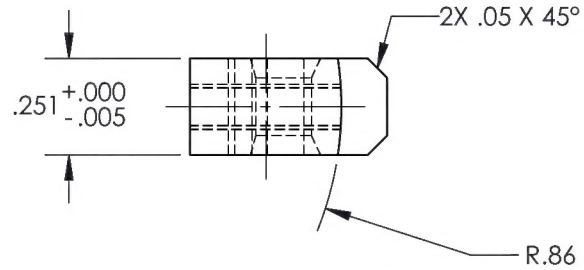


(-3)  
SPIDER

<b>DART</b> AEROSPACE	
TITLE <b>NUT BRAKE EXTRACTOR</b>	
DWG NO. <b>RBEM632V3004122-3</b>	REV <b>2</b>
MAT'L 4140/4142 HEAT TREAT RC 28-32 FINISH ZINC PLATE	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
SPEC ASTM B633 TYPE I SC 2	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
DRAWN BY: DUERFELDT	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
CHECKED: CLOUGH	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
OPPS APPR: ANDERSON	USED ON MODEL
QA APPR: LINDSAY	H175
APPROVED: GILBERT	
SCALE 1:1	DATE 5/3/2016
SHEET 3 OF 5	

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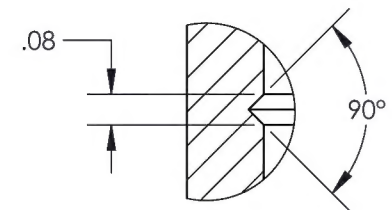
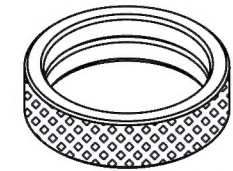
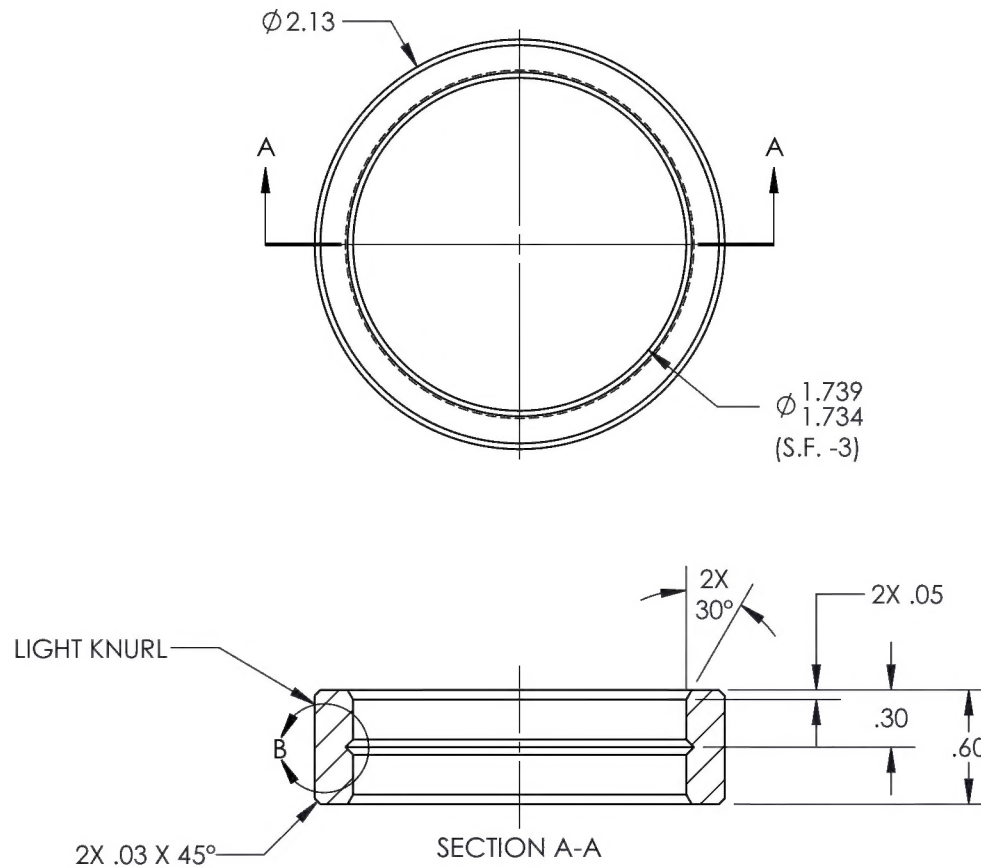
REVISIONS				
REV	ECR	DESCRIPTION	DATE	INITIAL
2	16-0184	-5 CH'D MATERIAL WAS 4140/4142 Q&T IS 4140/4142, ADDED HEAT TREAT RC 28-32.	10/21/2016	RJC
				SM



<b>DART</b> AEROSPACE	
TITLE <b>NUT BRAKE EXTRACTOR</b>	
DWG NO. <b>RBEM632V3004122-5</b>	REV <b>2</b>
MAT'L 4140/4142 HEAT TREAT RC 28-32 FINISH ZINC PLATE SPEC ASTM B633 TYPE I SC 2	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES .XXX ± .005 FRACTIONS ± 1/8 .XX ± .01 ANGLES ± 5° .X ± .1 SURFACES = 125°
DRAWN BY: <b>DUERFELDT</b>	1. BREAK ALL SHARP EDGES .015 x 45° OR .015R
CHECKED: <b>CLOUGH</b>	2. DIMENSIONAL LIMITS APPLY AFTER PLATING
OPPS APPR: <b>ANDERSON</b>	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
QA APPR: <b>LINDSAY</b>	USED ON MODEL
APPROVED: <b>GILBERT</b>	<b>H175</b>
SCALE <b>2:1</b>	DATE <b>5/3/2016</b>
SHEET 4 OF 5	

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REVISIONS					
REV	ECR	DESCRIPTION	DATE	INITIAL	APPROVED
2	16-0184	-7 CH'D FINISH WAS DUAL FINISH IS ZINC PLATE.	10/21/2016	RJC	SM



DETAIL B  
SCALE 2 : 1

(-7)  
COLLAR

<b>DART AEROSPACE</b>	
TITLE <b>NUT BRAKE EXTRACTOR</b>	
DWG NO. <b>RBEM632V3004122-7</b>	REV <b>2</b>
MAT'L 1018/1020 CR	UNLESS OTHERWISE SPECIFIED
HEAT TREAT	DIMENSIONS ARE IN INCHES
FINISH ZINC PLATE	.XXX ± .005 FRACTIONS ± 1/8
SPEC ASTM B633 TYPE I SC 2	.XX ± .01 ANGLES ± 5°
DRAWN BY: DUERFELDT	.X ± .1 SURFACES = 125
CHECKED: CLOUGH	1. BREAK ALL SHARP EDGES
OPPS APPR: ANDERSON	.015 x 45° OR .015R
QA APPR: LINDSAY	2. DIMENSIONAL LIMITS APPLY
APPROVED: GILBERT	AFTER PLATING
SCALE 1:1	3. INTERPRET DIM AND TOL PER ASME Y14.5M-2009
DATE 5/3/2016	USED ON MODEL
SHEET 5 OF 5	H175